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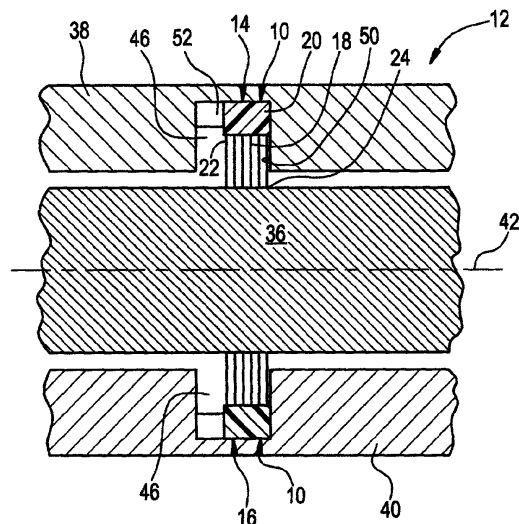
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(84) Designated Contracting States: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE Designated Extension States: AL LT LV MK RO SI (30) Priority: 30.11.1998 US 201008 22.09.1998 US 101410 P (71) Applicant: GENERAL ELECTRIC COMPANY Schenectady, NY 12345 (US)	(72) Inventors: • Bagepalli, Bharat Sampathkumar Niskayuna, New York 12309 (US) • Aksit, Mahmut Faruk Troy, New York 12180 (US) • Mayer, Robert Russell Schenectady, New York 12303 (US) (74) Representative: Goode, Ian Roy et al GE LONDON PATENT OPERATION, Essex House, 12/13 Essex Street London WC2R 3AA (GB)
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(54) Brush seal and rotary machine including such brush seal

(57) The brush seal (10) includes manually-flexible, plastic-containing, brush-seal bristles (18) attached to an elongated bristle holder (20). The rotary machine (12) has a rotor (36) and stator casing segments (38,40) with segments (14,16) of the brush seal positioned one each in a surface groove (46) of a corresponding stator casing segment. In one example, the bristle holder is manually flexible, the bristles and the bristle holder define a monolithic unit, and the brush seal is coiled onto a spool from which a desired length is cut thereby avoiding the necessity of manufacturing a brush seal segment to a specific radius and a specific circumferential length to match a particular stator casing segment.

FIG. 2





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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 6 September 2000	Examiner Van Wel, O
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